

FIG. 1

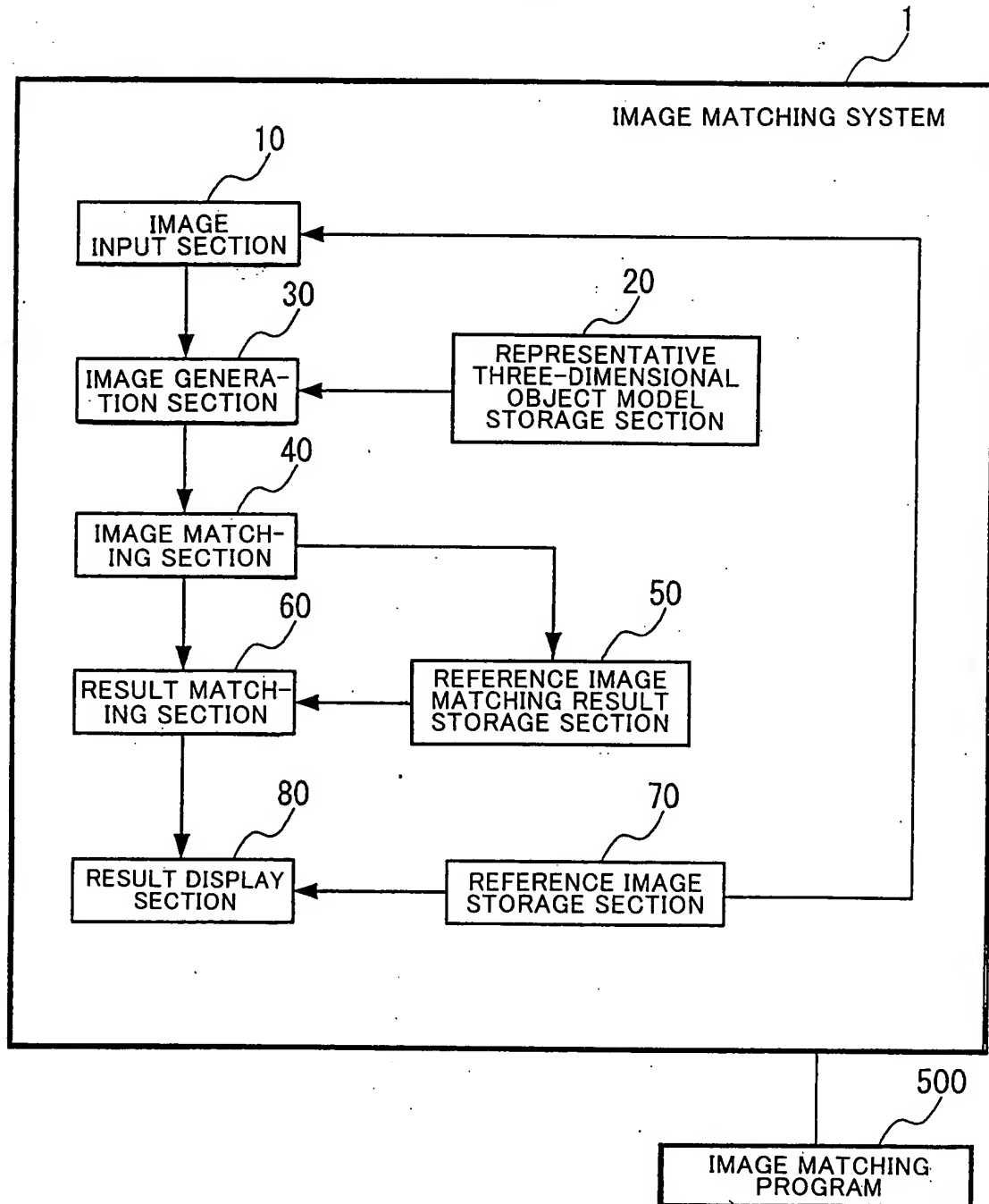


FIG.2

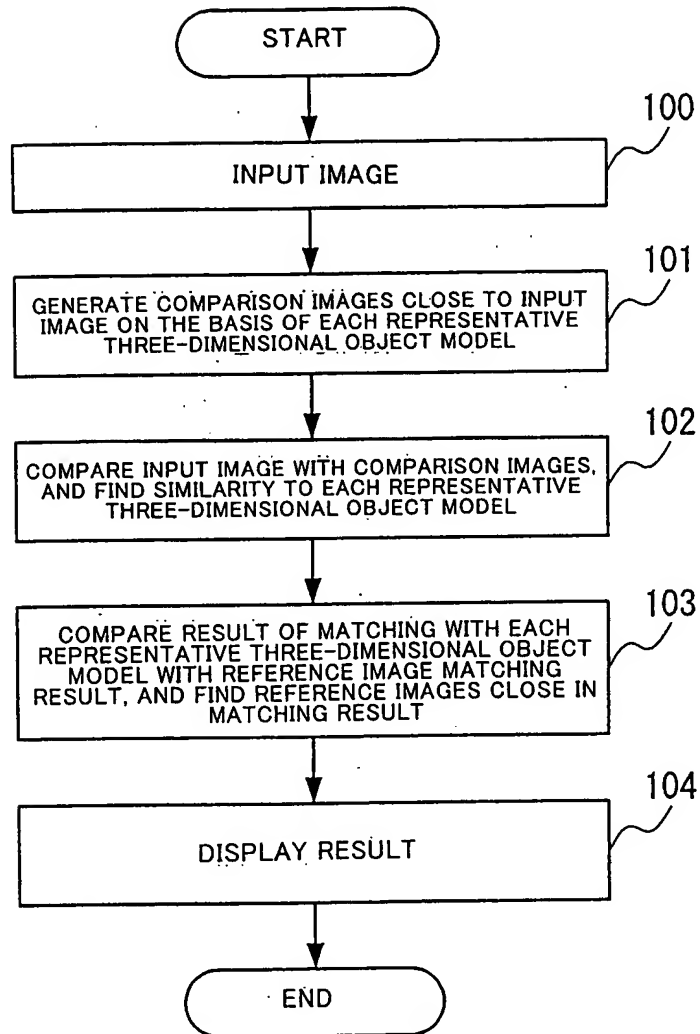


FIG.3

20 REPRESENTATIVE THREE-DIMENSIONAL
OBJECT MODEL STORAGE SECTION

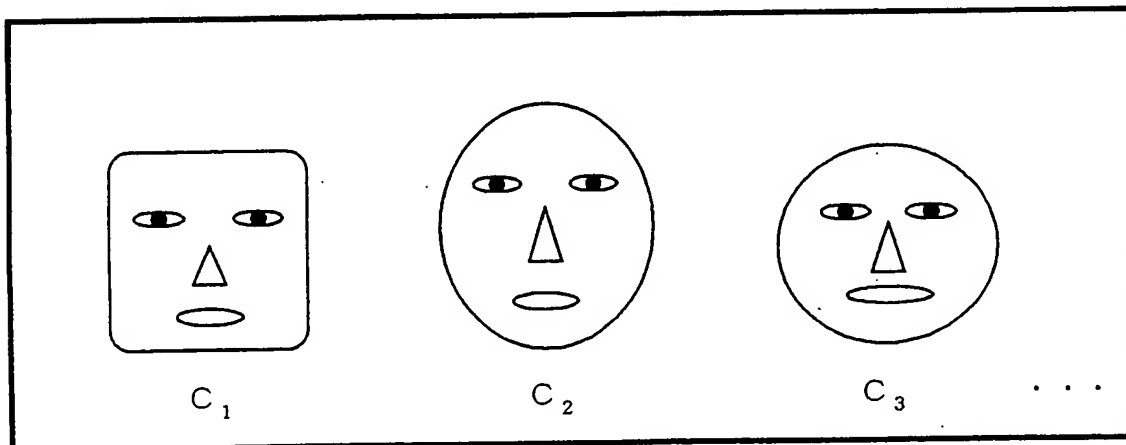


FIG.4

70 REFERENCE IMAGE STORAGE SECTION

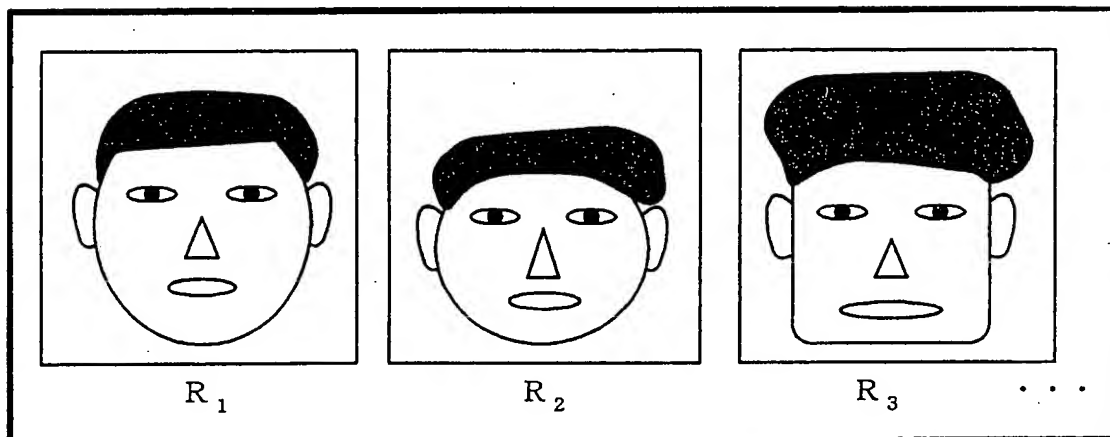


FIG.5

50 REFERENCE IMAGE MATCHING RESULT
STORAGE SECTION

REFERENCE IMAGE NUMBER	OBJECT MODEL NUMBER AND SIMILARITY		
	FIRST PLACE	SECOND PLACE	THIRD PLACE . . .
R_1	$C_2 : 0.98$	$C_5 : 0.96$	$C_3 : 0.95$
R_2	$C_3 : 0.95$	$C_2 : 0.93$	$C_{10} : 0.90$
R_3	$C_1 : 0.97$	$C_9 : 0.96$	$C_8 : 0.93$
.			
.			
.			

FIG.6

INPUT IMAGE

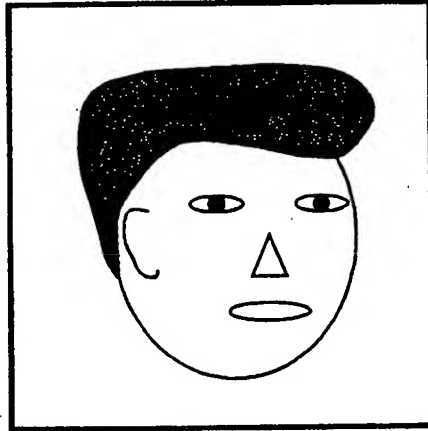


FIG.7

	OBJECT MODEL NUMBER AND SIMILARITY			
	FIRST PLACE	SECOND PLACE	THIRD PLACE	...
INPUT IMAGE	$C_2 : 0.96$	$C_5 : 0.94$	$C_3 : 0.92$	

FIG.8

	REFERENCE IMAGE NUMBER AND SIMILARITY			
	FIRST PLACE	SECOND PLACE	THIRD PLACE	...
INPUT IMAGE	$R_1 : 0.92$	$R_5 : 0.89$	$R_2 : 0.87$	

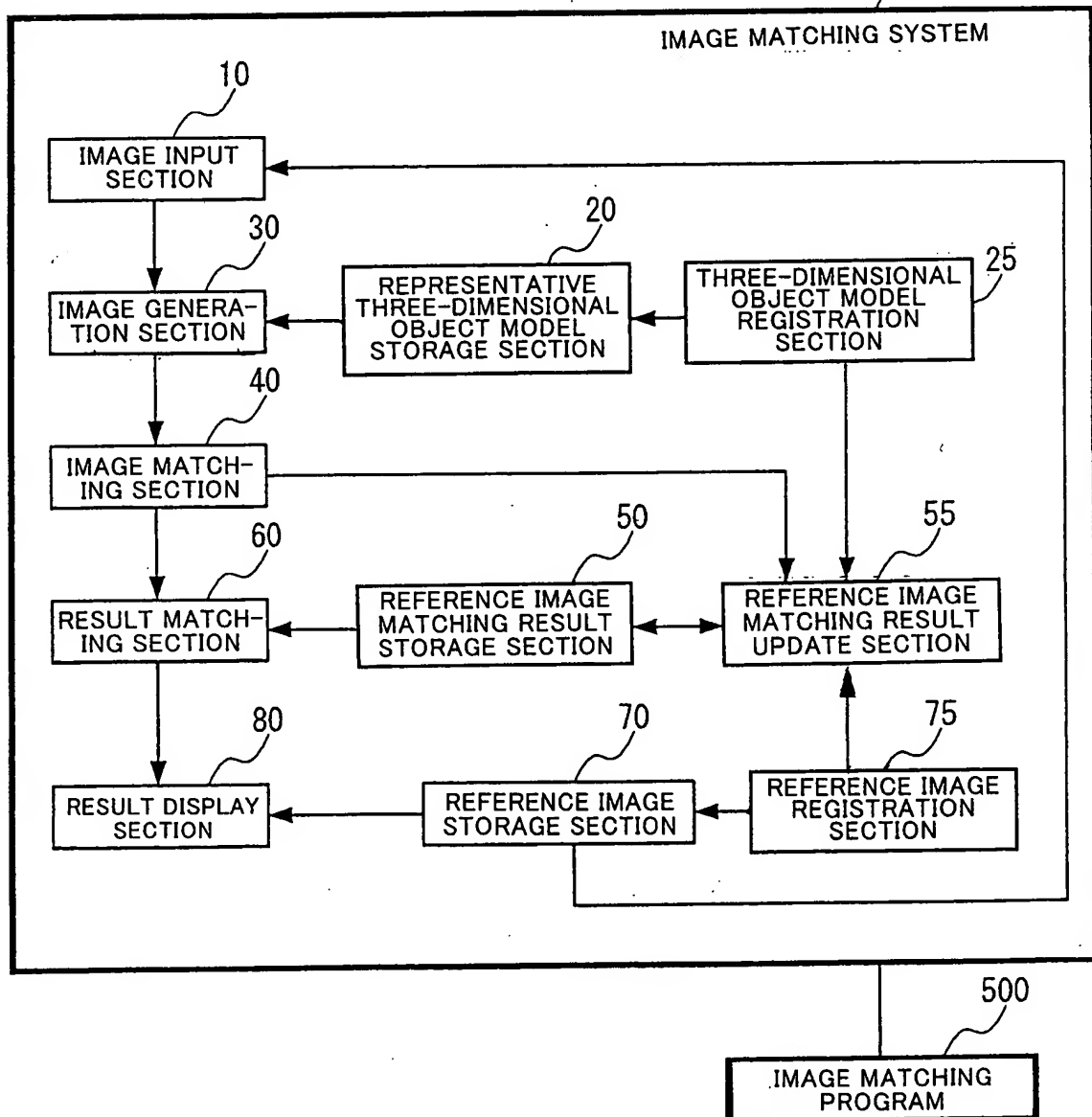


FIG. 10

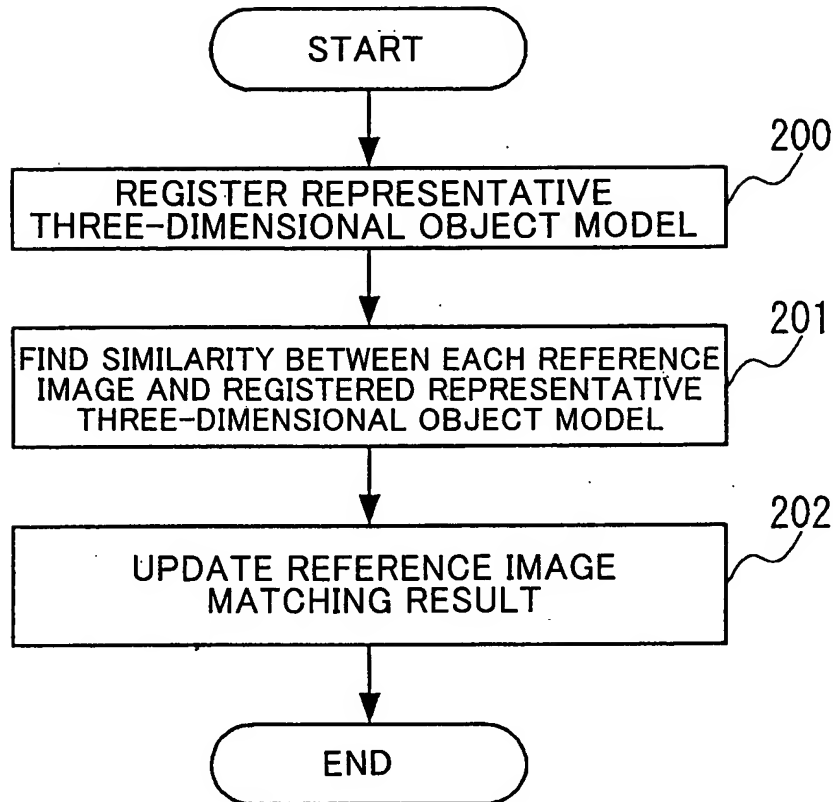


FIG. 11

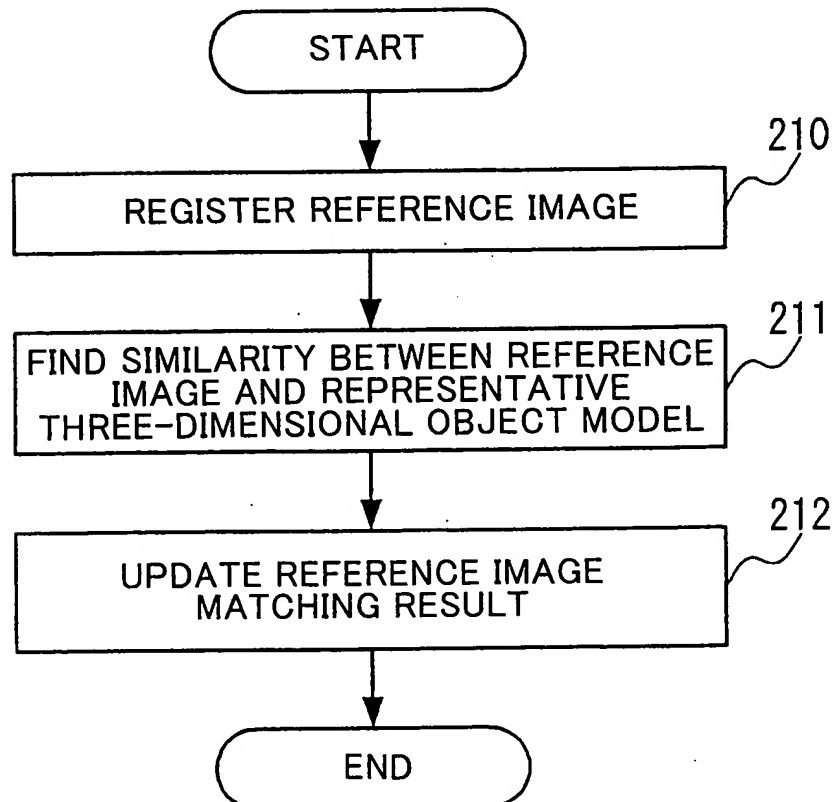


FIG. 12

REFERENCE IMAGE NUMBER	OBJECT MODEL NUMBER AND SIMILARITY
R_1	$C_{51} : 0.97$
R_2	$C_{51} : 0.92$
R_3	$C_{51} : 0.83$
.	
.	
.	

FIG. 13

50 REFERENCE IMAGE MATCHING RESULT
STORAGE SECTION

REFERENCE IMAGE NUMBER	OBJECT MODEL NUMBER AND SIMILARITY		
	FIRST PLACE	SECOND PLACE	THIRD PLACE . . .
R_1	$C_2 : 0.98$	$C_{51} : 0.97$	$C_5 : 0.96$
R_2	$C_3 : 0.95$	$C_2 : 0.93$	$C_{51} : 0.92$
R_3	$C_1 : 0.97$	$C_9 : 0.96$	$C_8 : 0.93$
.			
.			

FIG. 14

REFERENCE IMAGE NUMBER	OBJECT MODEL NUMBER AND SIMILARITY		
	FIRST PLACE	SECOND PLACE	THIRD PLACE . . .
R_{101}	$C_2 : 0.99$	$C_6 : 0.98$	$C_3 : 0.96$

FIG. 15

50 REFERENCE IMAGE MATCHING RESULT
 STORAGE SECTION

REFERENCE IMAGE NUMBER	OBJECT MODEL NUMBER AND SIMILARITY		
	FIRST PLACE	SECOND PLACE	THIRD PLACE . . .
R ₁	C ₂ : 0.98	C ₅ : 0.96	C ₃ : 0.95
R ₂	C ₃ : 0.95	C ₂ : 0.93	C ₁₀ : 0.90
R ₃	C ₁ : 0.97	C ₉ : 0.96	C ₈ : 0.93
.		.	
.		.	
R ₁₀₁	C ₂ : 0.99	C ₆ : 0.98	C ₃ : 0.96

FIG. 16

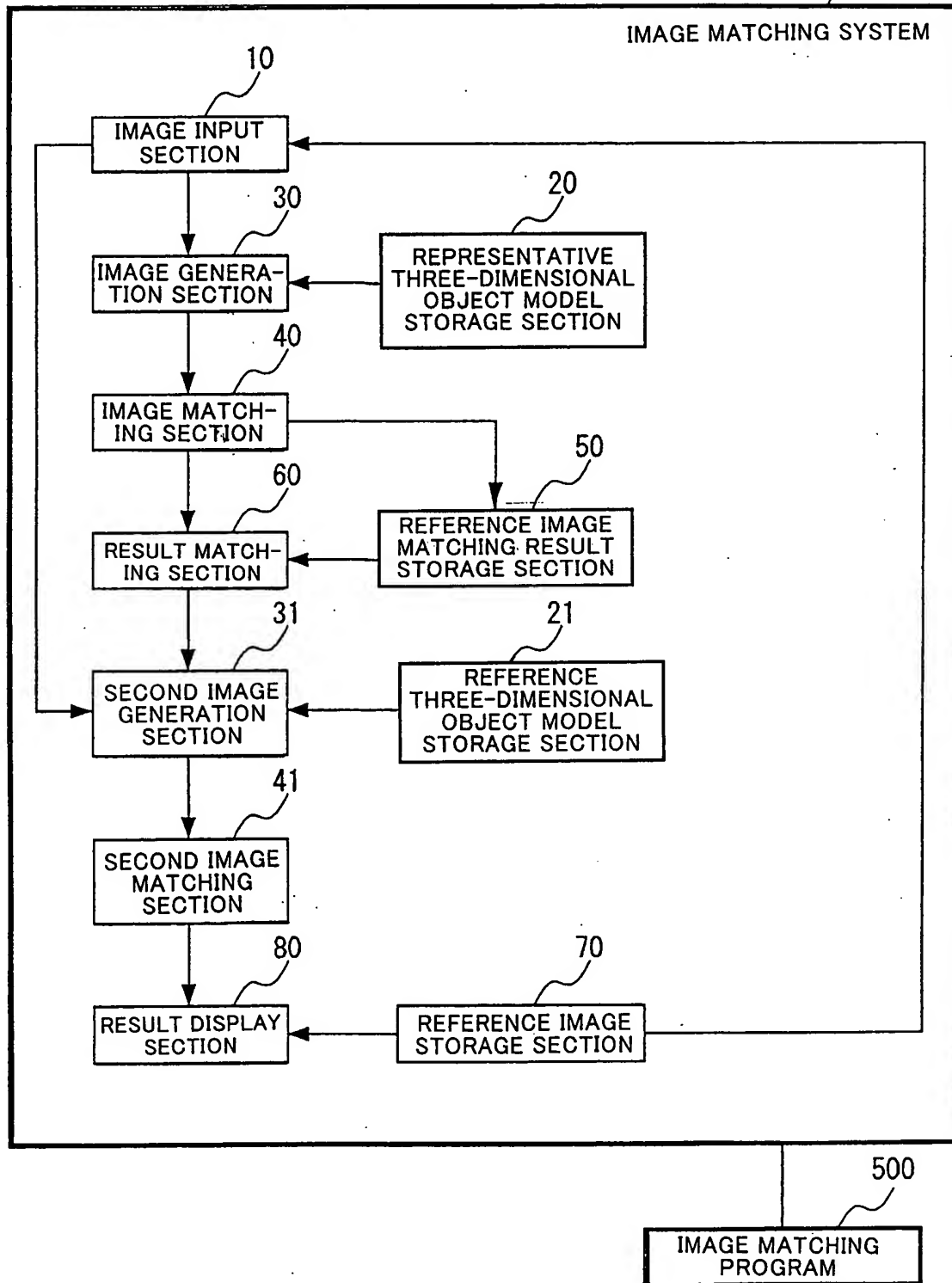


FIG. 17

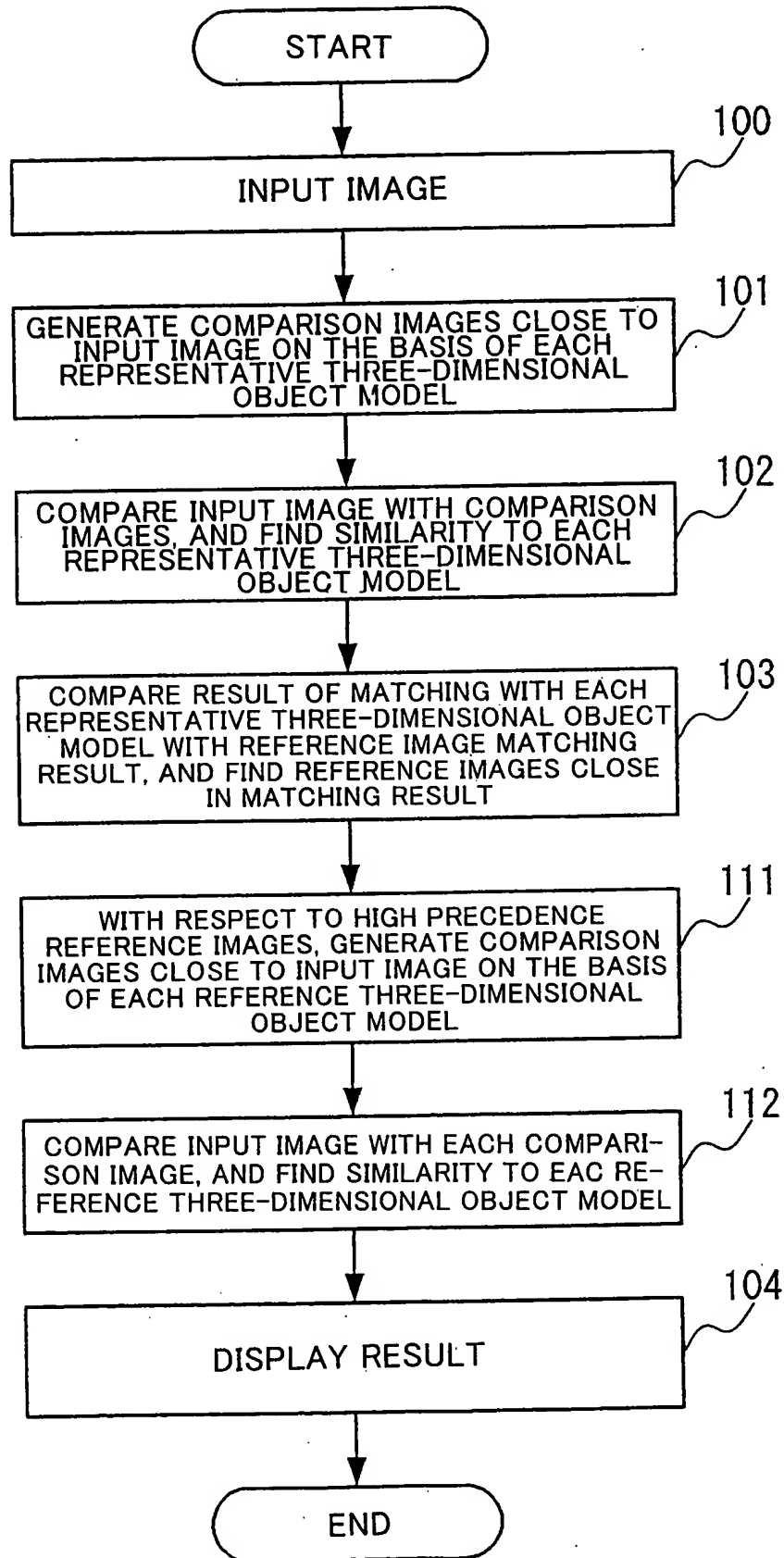


FIG.18

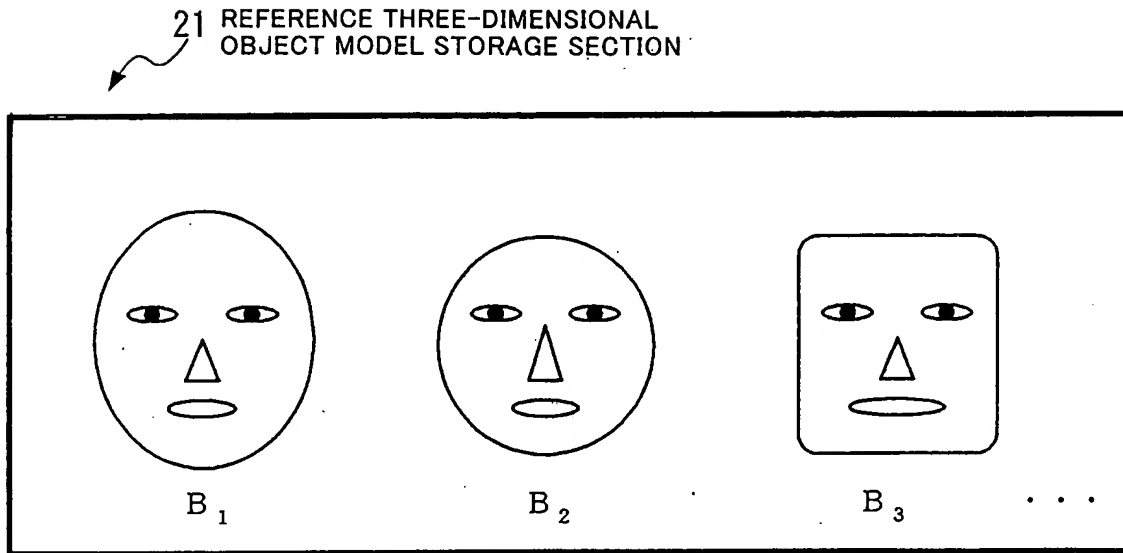


FIG.19

	OBJECT MODEL NUMBER AND SIMILARITY		
	FIRST PLACE	SECOND PLACE	THIRD PLACE . . .
INPUT IMAGE	$B_5 : 0.99$	$B_1 : 0.98$	$B_2 : 0.96$

1,

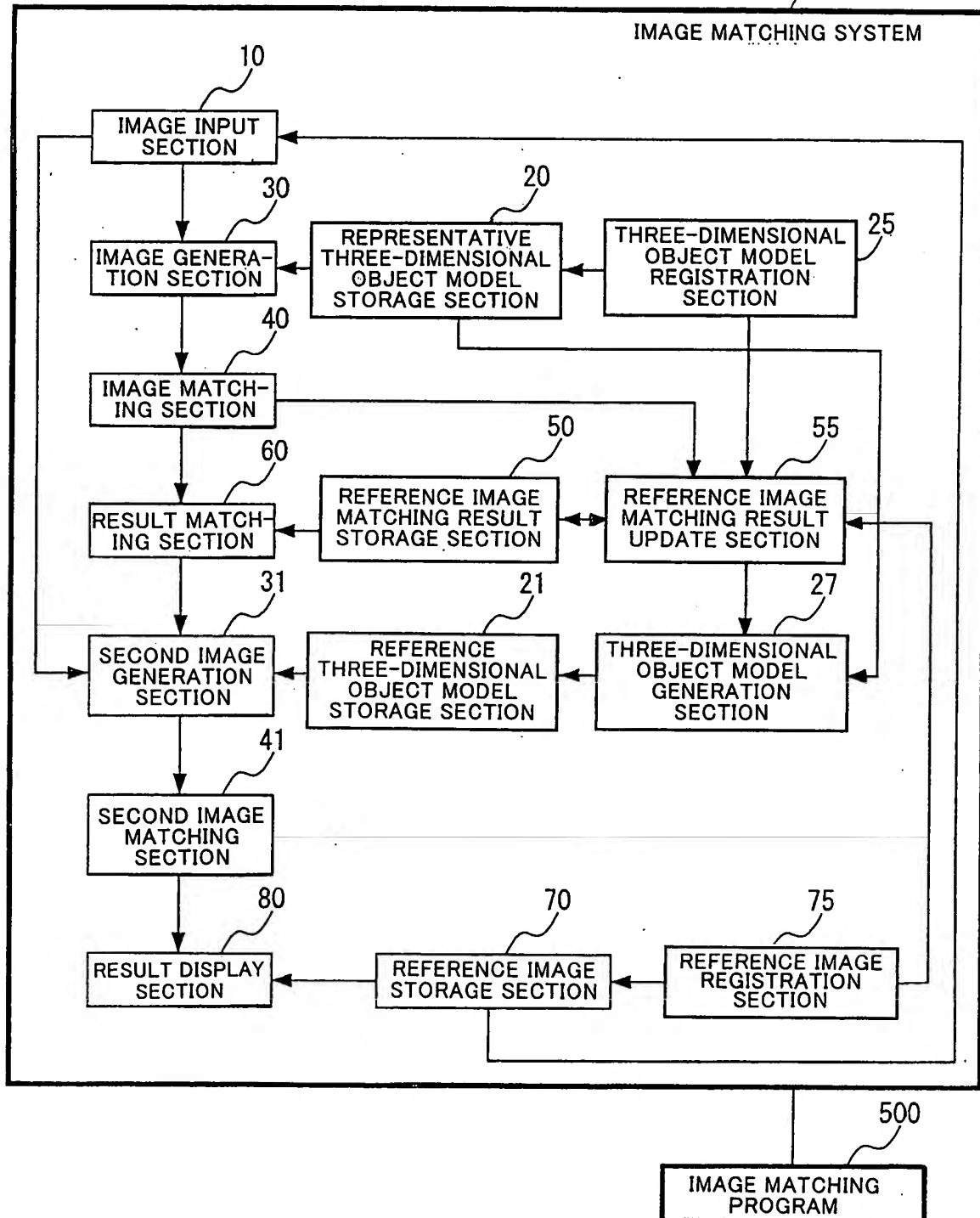


FIG.21

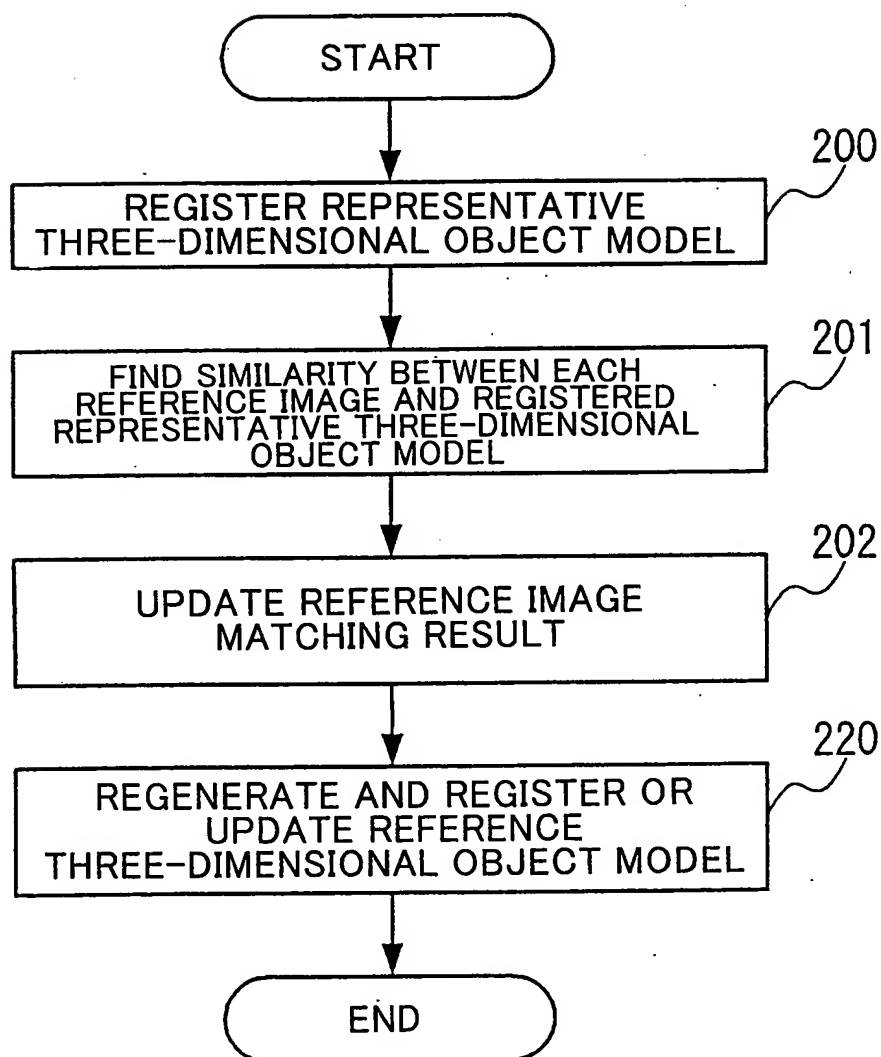


FIG.22

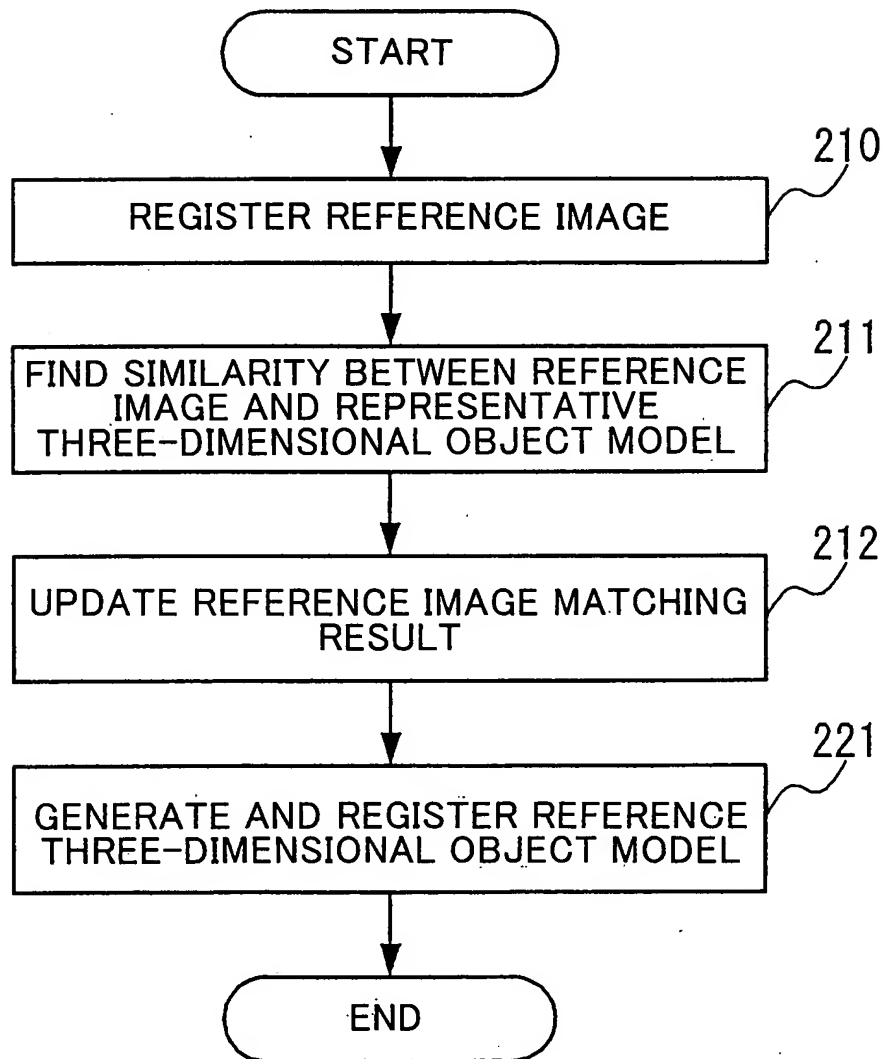


FIG.23

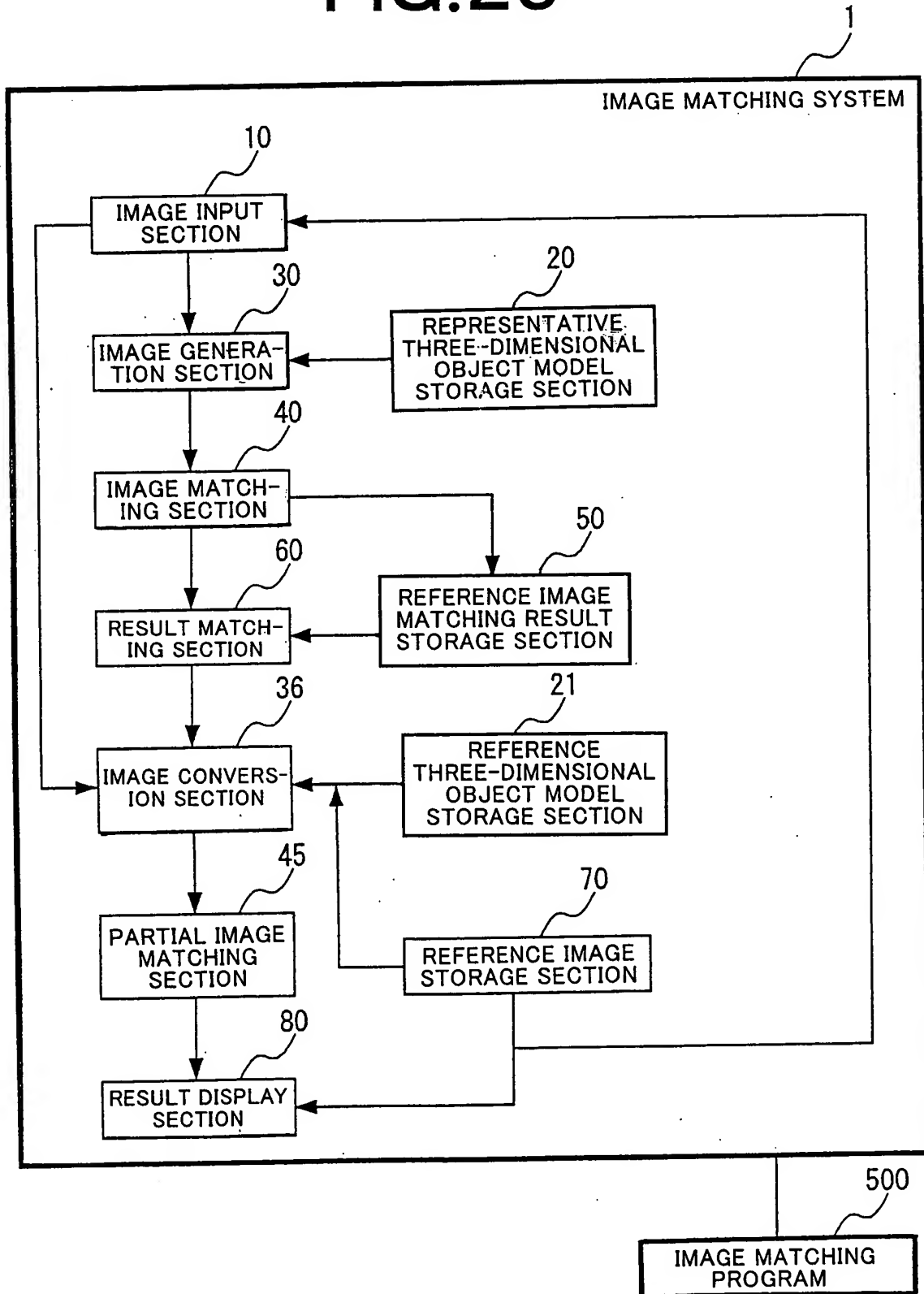


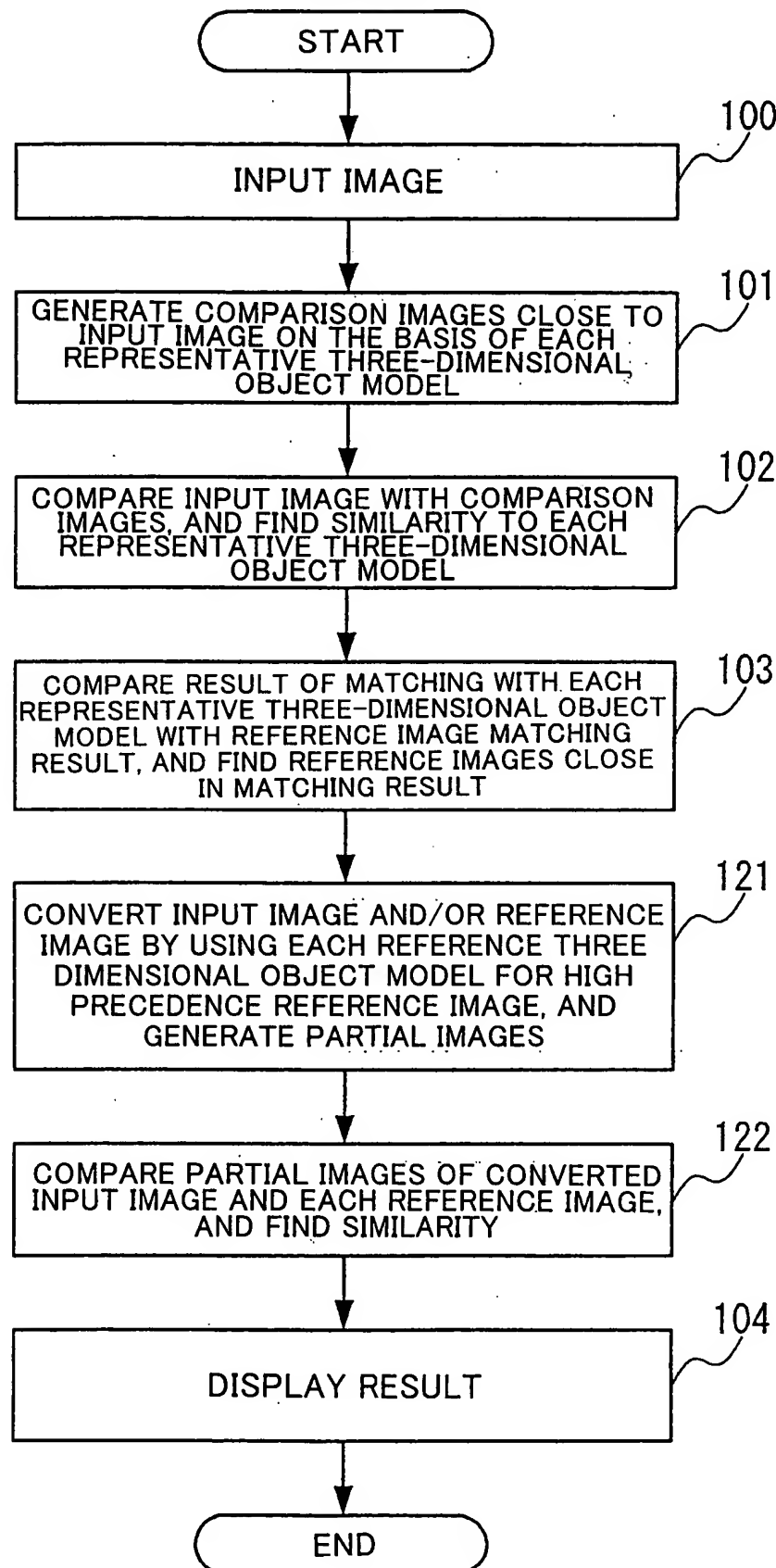
FIG.24

FIG.25

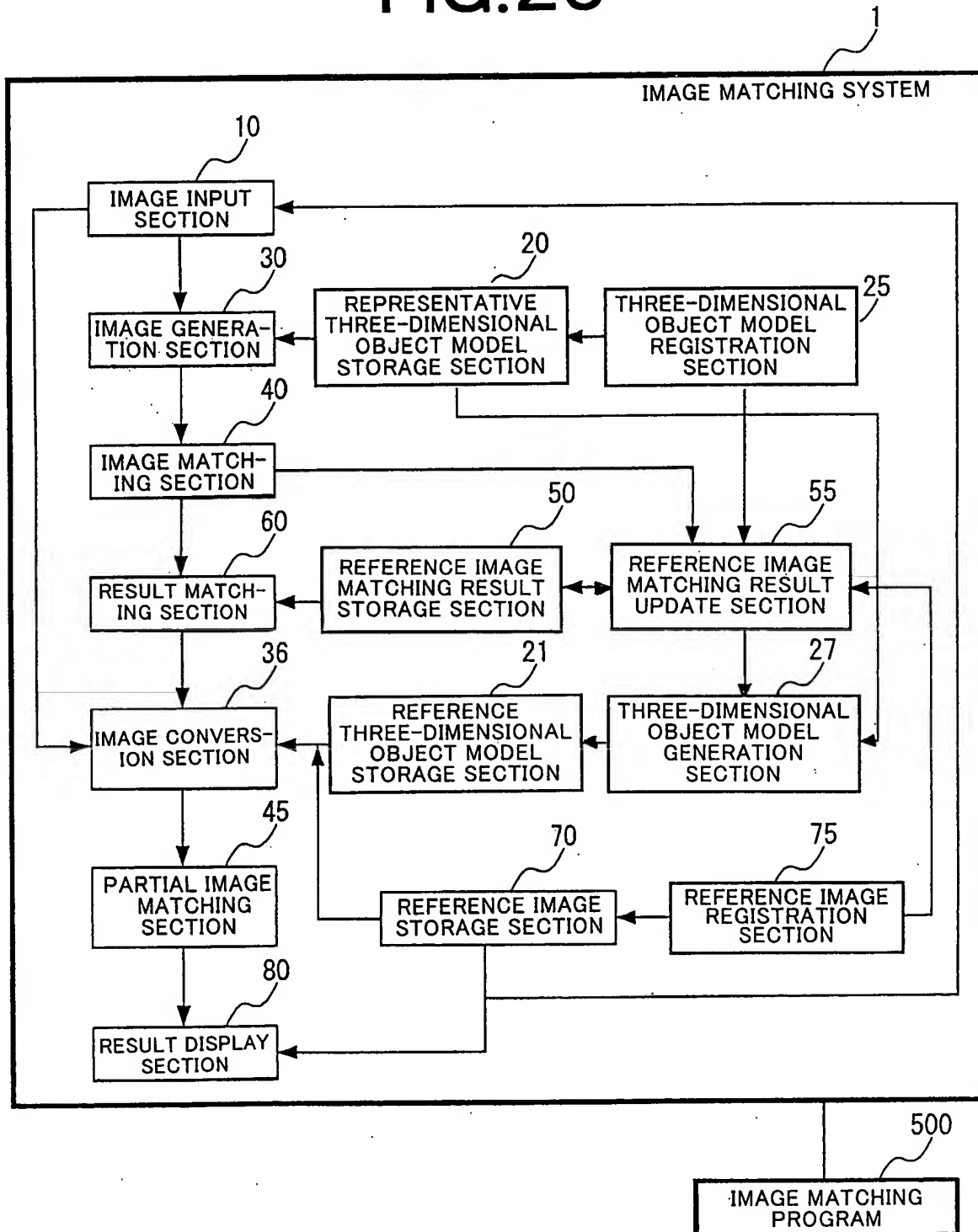


FIG.26

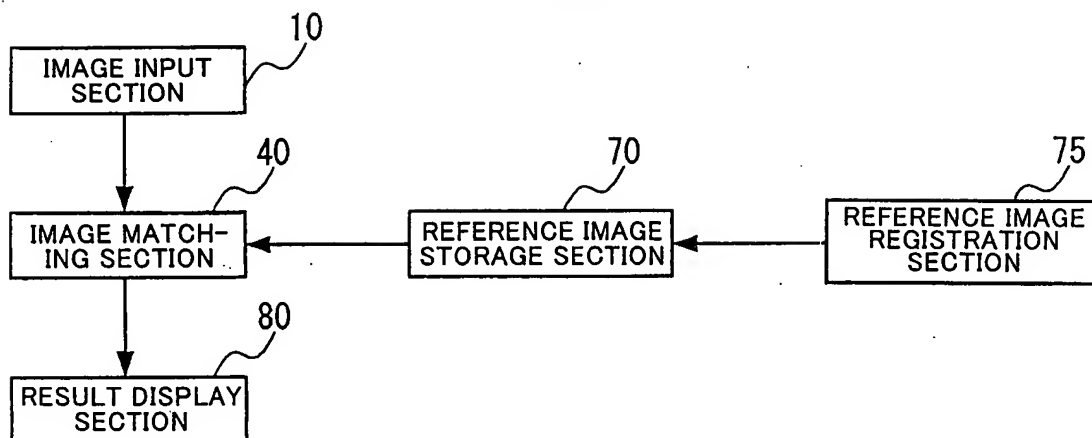


FIG.27

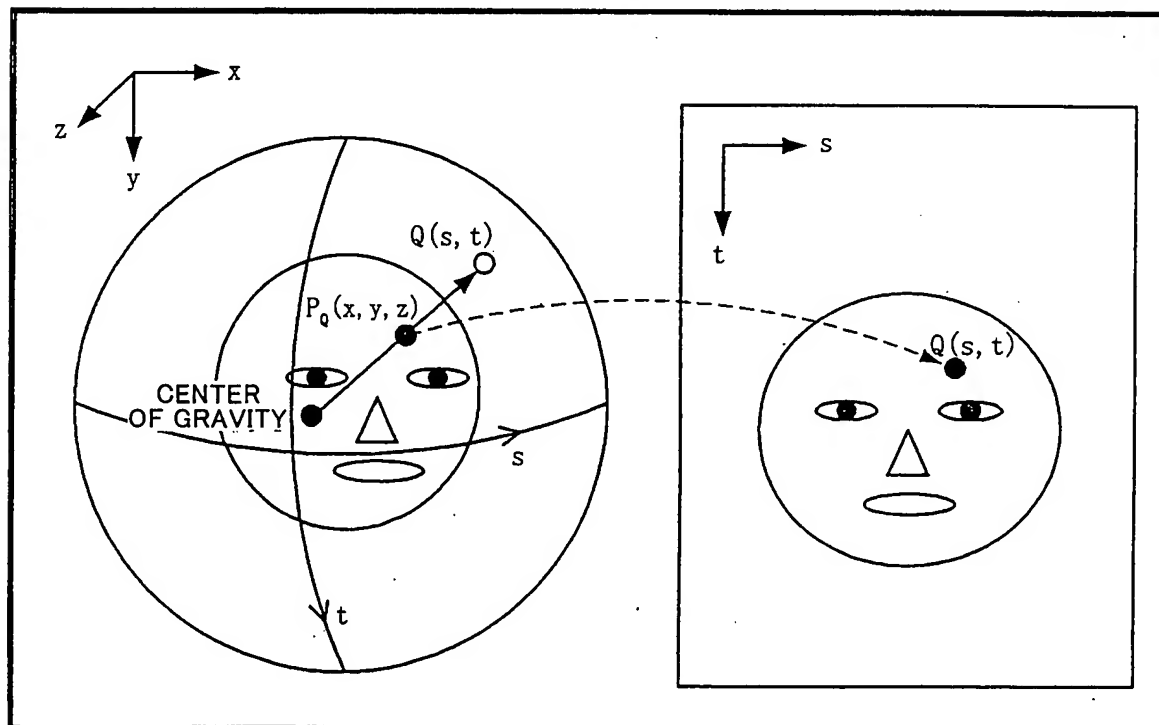


FIG.28

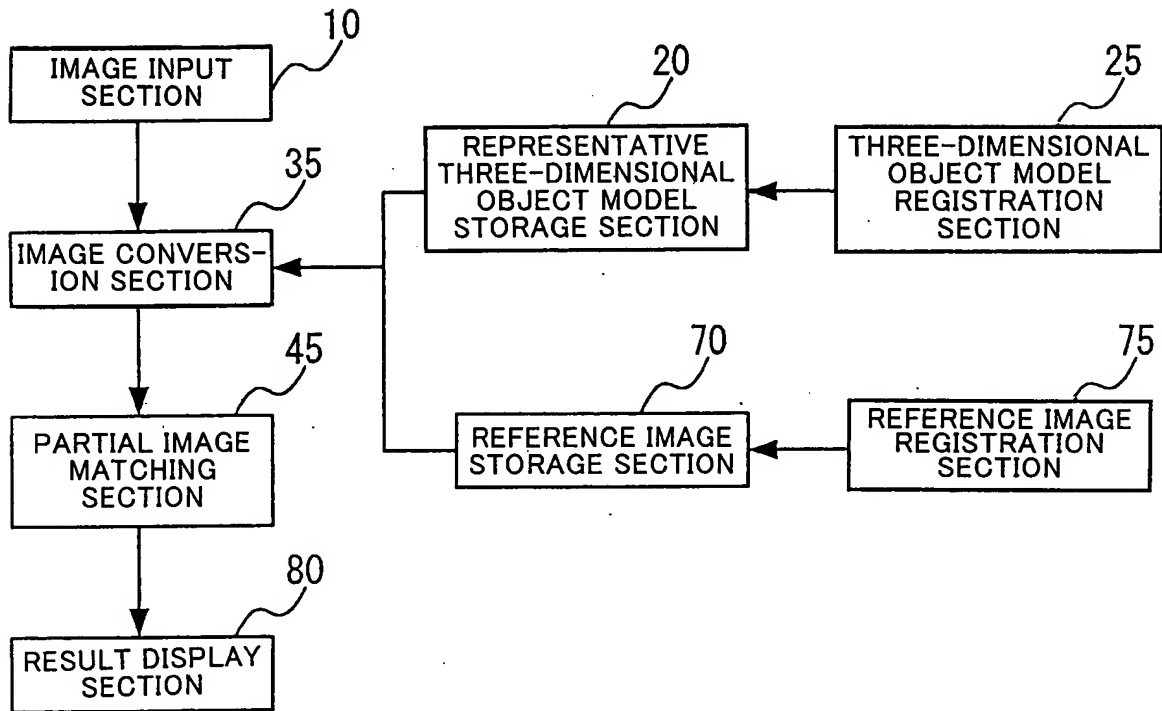


FIG.29

